

U.S. Application No.: /

International Application No.: PCT/IB2003/005042

Atty Docket No.: JCLA12543

Date: May 12, 2005

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**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US) CONCERNING A FILING UNDER 35 USC 371**

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International Application No. : PCT/IB2003/005042  
International Filing Date : November 11, 2003  
Priority Date Claimed : November 15, 2002  
Title of Invention : ELECTRODEIONIZATION APPARATUS  
Applicant(s) for DO/EO/US : MASAYUKI MIWA  
SHIN SATO  
TAKAYUKI MORIBE

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Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. ( ) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. (X) **This express requests to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21).**
4. (X) The U.S. has been elected (Article 31).
5. (X) A copy of the International Application as filed (35 USC 371(c)(2))
  - a. ( ) is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. (X) has been communicated by the International Bureau.
  - c. ( ) is not required, as the application was filed in the United States Receiving Office (RO/US).
6. (X) An English language translation of the International Application as filed (35 USC 371(c)(2)).
  - a. (X) is attached hereto.
  - b. ( ) has been previously submitted under 35 U.S.C. 154(d)(4).
7. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a. ( ) are attached hereto (required only if not communicated by the International Bureau).
  - b. ( ) have been communicated by the International Bureau.
  - c. ( ) have not been made; however, the time limit for making such amendments has NOT expired.
  - d. (X) have not been made and will not be made.
8. ( ) An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. (X) An Oath of Declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ( ) An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. (X) An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. (X) An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. (X) A Preliminary Amendment.
14. ( ) An Application Data Sheet under 37 CR 1.76.
15. ( ) A substitute specification.
16. ( ) A power of attorney and/or change of address letter.

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17. ( ) A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ( ) A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ( ) A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. (X) Other items or information:
- a. (X) International Search Report (Form PCT/ISA/210).
  - b. (X) Notice informing the Applicant of the Communication of the International Application to the Designated Office (Form PCT/IB/308).
  - c. (X) Return post card.
21. (X) The following fees are submitted:

	FEES
Basic national fee	\$ 300
Examination fee	\$ 500
Search fee	\$ 200
<b>TOTAL OF ABOVE CALCCLATIONS</b>	<b>\$ 1000</b>

( ) Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

**AS FILED**

FOR	NUMBER FILED		NUMBER EXTRA		RATE	FEE
Total Sheets	17 - 100	=	0	×	\$ 250	\$ 0
Total Claims	7 - 20	=	0	×	\$ 50	\$ 0
Independent Claims	1 - 3	=	0	×	\$ 200	\$ 0
If application contains any multiple dependent claims(s), then add					\$ 360	\$ 0
<b>TOTAL OF ABOVE CALCCLATIONS</b>						<b>\$ 0</b>

( ) Applicant claims small entity status. See 37 CFR 1.27.

The fee indicated above are reduced by ½.

	<b>SUBTOTAL</b>	<b>\$ 1000</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))		\$ 0
<b>TOTAL NATIONAL FEE</b>		<b>\$ 1000</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31)		\$ 40
<b>TOTAL FEE ENCLOSED</b>		<b>\$ 1040</b>

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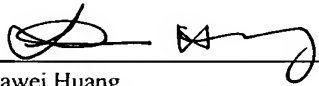
Atty Docket No.: JCLA12543

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- (X) A check in the amount of \$ 1040 to cover the above fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of the above national phase application, or credit any overpayment to Deposit Account No. 50-0710 (Order No. JCLA12543). A duplicate copy of this transmittal is enclosed.

**PLEASE SEND ALL CORRESPONDENCE TO:**  
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4 VENTURE, SUITE 250  
IRVINE, CA 92618  
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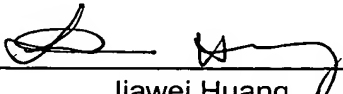
**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Docket No.** : JCLA12543  
**Applicant(s)** : MASAYUKI MIWA ;  
SHIN SATO ;  
TAKAYUKI MORIBE ;  
**For** : ELECTRODEIONIZATION APPARATUS  
**"Express Mail"** : EV 493081844 US  
**Mailing Label No.**  
**Date of Deposit** : May 12, 2005

I hereby certify that the accompanying

Transmittal in duplicate; Specification in 16 pages; 1 sheet(s) of drawings; SIGNED Declaration and Power of Attorney in 2 pages; Recordation Cover Sheet with 2 pages of Assignment; Preliminary Amendment; Notice informing The Applicant of the Communication of The International Application to the Designated Offices (Form PCT/IB/308); International Search Report (Form PCT/ISA/210); Information Disclosure Statement with 3 references; Check for national phase filing fee; Return prepaid postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Jiawei Huang